



Algebraic Surfaces and Holomorphic Vector Bundles (Universitext)

By Robert Friedman

Download now

Read Online ➔

Algebraic Surfaces and Holomorphic Vector Bundles (Universitext) By Robert Friedman

A novel feature of the book is its integrated approach to algebraic surface theory and the study of vector bundle theory on both curves and surfaces. While the two subjects remain separate through the first few chapters, they become much more tightly interconnected as the book progresses. Thus vector bundles over curves are studied to understand ruled surfaces, and then reappear in the proof of Bogomolov's inequality for stable bundles, which is itself applied to study canonical embeddings of surfaces via Reider's method. Similarly, ruled and elliptic surfaces are discussed in detail, before the geometry of vector bundles over such surfaces is analysed. Many of the results on vector bundles appear for the first time in book form, backed by many examples, both of surfaces and vector bundles, and over 100 exercises forming an integral part of the text. Aimed at graduates with a thorough first-year course in algebraic geometry, as well as more advanced students and researchers in the areas of algebraic geometry, gauge theory, or 4-manifold topology, many of the results on vector bundles will also be of interest to physicists studying string theory.

↓ [Download Algebraic Surfaces and Holomorphic Vector Bundles ...pdf](#)

📖 [Read Online Algebraic Surfaces and Holomorphic Vector Bundle ...pdf](#)

Algebraic Surfaces and Holomorphic Vector Bundles (Universitext)

By Robert Friedman

Algebraic Surfaces and Holomorphic Vector Bundles (Universitext) By Robert Friedman

A novel feature of the book is its integrated approach to algebraic surface theory and the study of vector bundle theory on both curves and surfaces. While the two subjects remain separate through the first few chapters, they become much more tightly interconnected as the book progresses. Thus vector bundles over curves are studied to understand ruled surfaces, and then reappear in the proof of Bogomolov's inequality for stable bundles, which is itself applied to study canonical embeddings of surfaces via Reider's method. Similarly, ruled and elliptic surfaces are discussed in detail, before the geometry of vector bundles over such surfaces is analysed. Many of the results on vector bundles appear for the first time in book form, backed by many examples, both of surfaces and vector bundles, and over 100 exercises forming an integral part of the text. Aimed at graduates with a thorough first-year course in algebraic geometry, as well as more advanced students and researchers in the areas of algebraic geometry, gauge theory, or 4-manifold topology, many of the results on vector bundles will also be of interest to physicists studying string theory.

Algebraic Surfaces and Holomorphic Vector Bundles (Universitext) By Robert Friedman
Bibliography

- Sales Rank: #1750465 in Books
- Published on: 1998-01-23
- Original language: English
- Number of items: 1
- Dimensions: 9.21" h x .81" w x 6.14" l, 1.30 pounds
- Binding: Hardcover
- 329 pages

 [Download Algebraic Surfaces and Holomorphic Vector Bundles ...pdf](#)

 [Read Online Algebraic Surfaces and Holomorphic Vector Bundle ...pdf](#)

Editorial Review

Users Review

From reader reviews:

Graciela Tubbs:

Have you spare time for the day? What do you do when you have a lot more or little spare time? Yes, you can choose the suitable activity for spend your time. Any person spent their very own spare time to take a stroll, shopping, or went to the Mall. How about open or perhaps read a book eligible Algebraic Surfaces and Holomorphic Vector Bundles (Universitext)? Maybe it is to get best activity for you. You recognize beside you can spend your time with the favorite's book, you can wiser than before. Do you agree with it has the opinion or you have different opinion?

Kurt Haney:

This Algebraic Surfaces and Holomorphic Vector Bundles (Universitext) are usually reliable for you who want to certainly be a successful person, why. The key reason why of this Algebraic Surfaces and Holomorphic Vector Bundles (Universitext) can be one of many great books you must have will be giving you more than just simple examining food but feed a person with information that probably will shock your prior knowledge. This book is handy, you can bring it all over the place and whenever your conditions throughout the e-book and printed types. Beside that this Algebraic Surfaces and Holomorphic Vector Bundles (Universitext) giving you an enormous of experience for example rich vocabulary, giving you test of critical thinking that could it useful in your day task. So , let's have it and luxuriate in reading.

Grady Long:

Would you one of the book lovers? If so, do you ever feeling doubt if you find yourself in the book store? Try to pick one book that you find out the inside because don't assess book by its include may doesn't work is difficult job because you are scared that the inside maybe not since fantastic as in the outside appear likes. Maybe you answer is usually Algebraic Surfaces and Holomorphic Vector Bundles (Universitext) why because the excellent cover that make you consider regarding the content will not disappoint a person. The inside or content is actually fantastic as the outside as well as cover. Your reading 6th sense will directly assist you to pick up this book.

Samuel Gorman:

You can spend your free time to read this book this reserve. This Algebraic Surfaces and Holomorphic Vector Bundles (Universitext) is simple to deliver you can read it in the area, in the beach, train as well as soon. If you did not have much space to bring the printed book, you can buy often the e-book. It is make you

simpler to read it. You can save typically the book in your smart phone. So there are a lot of benefits that you will get when you buy this book.

**Download and Read Online Algebraic Surfaces and Holomorphic
Vector Bundles (Universitext) By Robert Friedman
#XS5W3OG6DU2**

Read Algebraic Surfaces and Holomorphic Vector Bundles (Universitext) By Robert Friedman for online ebook

Algebraic Surfaces and Holomorphic Vector Bundles (Universitext) By Robert Friedman Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Algebraic Surfaces and Holomorphic Vector Bundles (Universitext) By Robert Friedman books to read online.

Online Algebraic Surfaces and Holomorphic Vector Bundles (Universitext) By Robert Friedman ebook PDF download

Algebraic Surfaces and Holomorphic Vector Bundles (Universitext) By Robert Friedman Doc

Algebraic Surfaces and Holomorphic Vector Bundles (Universitext) By Robert Friedman Mobipocket

Algebraic Surfaces and Holomorphic Vector Bundles (Universitext) By Robert Friedman EPub

XS5W3OG6DU2: Algebraic Surfaces and Holomorphic Vector Bundles (Universitext) By Robert Friedman